

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL				5. MINERAL LEASE NO: UTU-85847	6. SURFACE: Federal
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>				7. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>				8. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: Enduring Resources, LLC				9. WELL NAME and NUMBER: Hanging Rock 11-24-11-31	
3. ADDRESS OF OPERATOR: 475 17th St., Ste 1500 CITY Denver STATE CO ZIP 80202			PHONE NUMBER: (303) 350-5719	10. FIELD AND POOL, OR WILDCAT: Undesignated	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 707' FNL - 869' FWL 647330X 39.823822 AT PROPOSED PRODUCING ZONE: Same 4409411Y - 109.278524				11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 31 11S 24E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 28 miles southwest of Bonanza, UT				12. COUNTY: Uintah	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 707'		16. NUMBER OF ACRES IN LEASE: Approx. 120		17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40 acres	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) 1000' +		19. PROPOSED DEPTH: 4,815		20. BOND DESCRIPTION: RLB0008031	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5991' RT-KB		22. APPROXIMATE DATE WORK WILL START: 12/30/2008		23. ESTIMATED DURATION: 20 days	


24. PROPOSED CASING AND CEMENTING PROGRAM							
SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT		
20"	14" line pipe			40	3 yards Ready Mix		
11"	8-5/8"	J-55	24#	2,016	Premium Lead	138 sxs	3.50 11.1
					Premium Tail	138sxs	1.15 15.8
7-7/8"	4-1/2"	N-80	11.6#	4,815	Class G	54 sxs	3.3 11.0
					50/50 Poz Class G	455 sxs	1.56 14.3

25. ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Alvin R. (Al) Arlian TITLE Landman - Regulatory Specialist

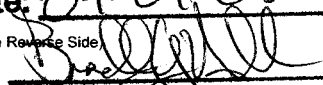
SIGNATURE  DATE 8/25/2008

(This space for State use only)

**Approved by the
Utah Division of
Oil, Gas and Mining**

API NUMBER ASSIGNED: 4304740343

APPROVAL:

Date: 09-09-08
By: 

(11/2001)

**Federal Approval of this
Action is Necessary**

(See Instructions on Reverse Side)

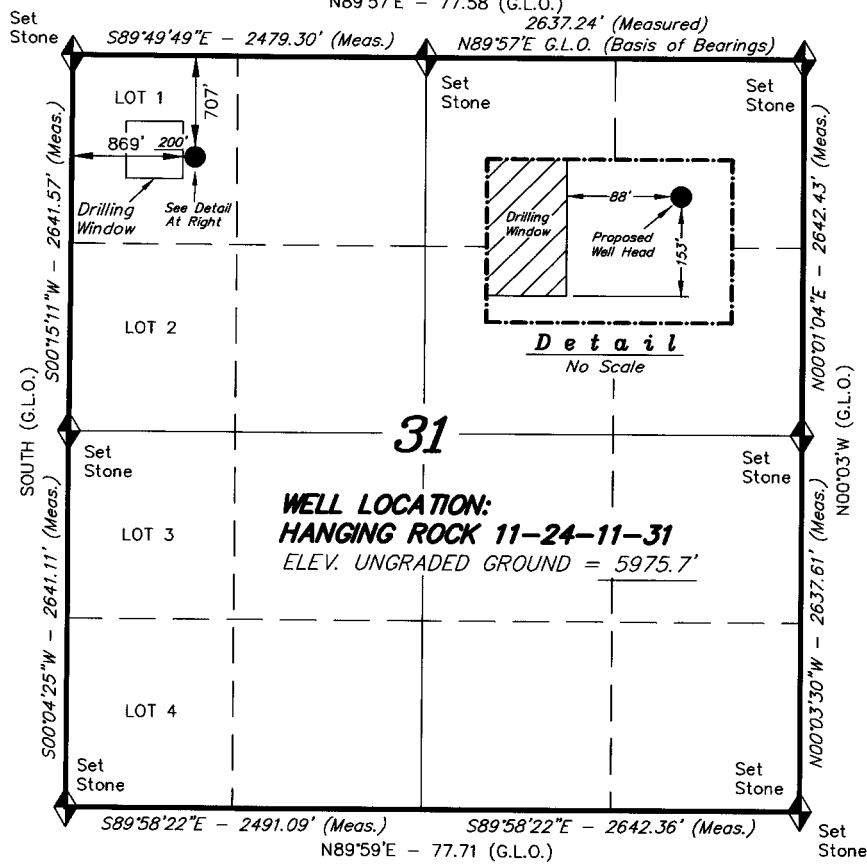
RECEIVED
AUG 27 2008
DIV. OF OIL, GAS & MIN'

T11S, R24E, S.L.B.&M.

N89°57'E - 77.58 (G.L.O.)

2637.24' (Measured)

N89°57'E G.L.O. (Basis of Bearings)



 = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min
QUAD (ARCHY BENCH SE)

HANGING ROCK 11-24-11-31
(Surface Location) NAD 83
LATITUDE = 39° 49' 25.43"
LONGITUDE = 109° 16' 45.05"

ENDURING RESOURCES

WELL LOCATION, HANGING ROCK
11-24-11-31, LOCATED AS SHOWN IN
(LOT 1) NW 1/4 NW 1/4 OF SECTION 31,
T11S, R24E, S.L.B.&M. UTAH COUNTY,
UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLANT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377

STACY W.
STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 12273
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE DRAWN: 06-28-07	SURVEYED BY: K.G.S.	SHEET 2 OF 10
REVISED:	DRAWN BY: T.C.J.	
NOTES:	SCALE: 1" = 1000'	

ENDURING RESOURCES, LLC

425 Seventeenth Street, Suite 1500

Denver, Colorado 80202

Telephone: 303-573-1222

Facsimile: 303-573-0461

September 9, 2008

State of Utah
Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114-5801

**RE: Exception Well Location
Hanging Rock 11-24-11-31
NWNW Sec 31-T11S-R24E
707' FNL – 869' FWL
Lease Serial No.: UTU-85847
Uintah County, Utah**

Ladies and Gentlemen:

Request for exception well location to avoid a steep cut for the well pad.


Enduring Resources, LLC is the only leasehold interest owner in Section 31, T11S-R24E, and within 460 feet of any part of the above-referenced proposed well's well bore, therefore,

A. *ERLLC grants itself permission for an exception well location.*

Should you have any questions concerning this matter, please do not hesitate to call (303) -350-5114.

Very truly yours,

ENDURING RESOURCES, LLC



Alvin R. (Al) Arlian
Landman – Regulatory Specialist

ara/

cc: BLM

SELF-CERTIFICATION STATEMENT

The following self-certification statement is provided per federal requirements dated June 15, 1988.

Please be advised that Enduring Resources, LLC is considered to be the operator of the following well.

Rock House 11-24-11-31 Well

UTU-85847 707' FNL- 869' FWL NWNW Sec 31-11S-24E

Enduring Resources, LLC is responsible under the terms and conditions of the lease for the operations conducted upon leased lands. Bond coverage is provided by UTB000173.



Alvin R. Arlian
Regulatory Specialist
Enduring Resources, LLC
475 17th Street, Suite 1500
Denver, CO 80202
(303) 350-5114

September 9, 2008

Enduring Resources, LLC
Hanging rock 11-24-11-31
NW/4NW/4 Sec 31-T11S-24E
Uintah County, Utah

Federal Lease: UTU-85847

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Beginning at the city of Bonanza, Utah. Leave the city of Bonanza heading southerly on state highway 45 for a distance of approximately 8.7 Miles where there is a turn-off to the right. Turn right, leaving state highway 45, and proceed southwesterly for approximately 2.2 miles where there is a turn to the right. Keep to the left and continue southwesterly for approximately 6.1 miles where the road forks again. Keep to the left and proceed southwesterly for approximately 7.6 miles (5.8 + 1.8 on Topo "A") where there is an intersection. Turn right and proceed northerly approximately 0.4 miles to the beginning of the proposed access for the Hanging Rock 11-24-11-31. Turn left and proceed northwesterly approximately 4,380' (0.8 miles) along the proposed access, to the turn off to the Hanging Rock 11-24-14-31 well pad continue along proposed access northwesterly approximately 3,550' (0.7 miles) where there is a left turn and proceed westerly along the proposed access approximately 420' to the proposed Hanging Rock 11-24-11-31 well pad.

2. Planned Access Roads:

- I. The proposed access road will be approximately 8,350 feet long.
 - a. 1,280 feet is on-lease, and
 - b. 7,070 feet is off-lease.
- II. Two-track needing improvement, approximately 3250' of the proposed OFF-LEASE access road follows BLM existing Road R-O-W UTU-074517.
- III. Two-track needing improvement, approximately 3,820' of the proposed OFF-LEASE follows and existing jeep trail two-track,
- IV. Two-track needing improvement, approximately 860' of the proposed ON-LEASE access road follows and existing jeep trail two-track, and
- V. There is 420' of new construction.

Please refer to Topo Map "B" for the takeoff point for the two-track and new road construction.

Concurrently herewith a road right-of-way for the off-lease portion of the road located in Sec 31-11S-24E and Sec 6-12S-24E is requested.

The proposed access road will be utilized to transport personnel, equipment and supplies to and from the proposed well site during drilling, completion and production operations. The road will be utilized year round.

The access road will be crowned 2% to 3%, ditched and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet right-of-way. Maximum grade of road is 5% or less. Graveling or capping the roadbed will be performed as necessary to provide a well constructed, safe road. No fence crossings, culverts, turnouts, cattle guards or major cuts and fills are required. Prior to construction or upgrading, the proposed road shall be cleared of any snow and allowed to dry completely.

Surface disturbance and vehicular traffic will be limited to the proposed location and proposed access route. Any additional area needed will be approved in advance. All construction shall be in conformance with the standards outlined in the BLM and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development. 1989.

The road surface and shoulders will be kept in a safe usable condition and will be maintained in accordance with the original construction standards. All drainage ditches will be kept clear and free flowing and will be maintained according to original construction standards. The access road surface will be kept free of trash during operations. All traffic will be confined to the approved disturbed surface. Road drainage crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the road bed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided. When snow is removed from the road during the winter months, the snow shall be pushed outside of the borrow ditches and the turnouts kept clear so that snowmelt will be channeled away from the road.

3. Location of Existing Wells within a One-Mile radius (See "Topo" Map "C" attached):

The following wells are wells located within a one (1) mile radius of the proposed location.

- | | | |
|----|-------|--|
| a. | None: | Water Wells: |
| b. | None: | Injection Wells: |
| c. | None: | Producing Wells: |
| d. | None: | Drilling Wells: |
| e. | None: | Shut-in Wells: |
| f. | None: | Temporarily Abandoned Wells: |
| g. | None: | Disposal Wells: |
| h. | None: | Abandoned Wells: |
| i. | None: | Dry Holes: |
| j. | None: | Observation Wells: |
| k. | (11): | Pending (staked) Wells: |
| | | 1. There are eleven other proposed wells within one mile of this well pad. |

4. Location of Existing and/or Proposed Facilities:

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain fluids (i.e. production tanks, produced water tanks and/or heater treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank and be independent of the back cut.

All permanent (on site for six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the rocky Mountain Five State Inter-Agency Committee

All facilities will be painted within 6 months of installation. The color shall be Dark Olive Black. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

Gas Gathering Pipeline:	ON-LEASE	1,280'	BLM
	OFF-LEASE	6,220'	BLM

If the well is capable of economic production, a surface gas gathering line and related equipment shall be installed for year around usage. Approximately 7,500 feet of 6" or less surface gas gathering pipeline shall be laid to minimize surface disturbance.

The proposed pipeline will begin at the well site, be laid by the west side of the access road, then tie-in to an existing pipeline on the west side of the Oil Springs Gas Field Road.

All State and County roads will be bored under upon State and County approvals to do so.

The meter run will be housed. The gas gathering line will be buried or anchored down from the wellhead to the meter.

Upon plugging and abandonment, the gas gathering line will be removed and the disturbed area will be re-contoured and restored as near as practical to the original condition. If necessary, re-seeding operations will be performed after completion of other reclamation operations.

5. Location and Type of Water Supply:

Whenever practical, water will be obtained from Enduring Resources LLC Water Right Number 49-2279, Temporary Application Number: T77865 (*See Townships of permitted Use below). If these sources are not available, a new water source shall be submitted prior to commencing operations. (This permit has one-year term and then must be renewed - April 1, 2008 to March 31, 2009)

*Enduring Water Permits' Townships of Use:

T10S-R22E	T11S-R22E	T12S-R22E
T10S-R23E	T11S-R23E	T12S-R23E
T10S-R24E	T11S-R24E	T12S-R24E

Water will be hauled to the location over the roads marked on "Topo" Maps "A" and "B."

No water well is to be drilled on this lease.

6. Source of Construction Materials:

Surface and subsoil materials in the immediate area will be utilized for location and access road construction.

Any gravel will be obtained from a commercial source; however, gravel sized rock debris associated with location and access road construction may be used as access road surfacing material.

7. Methods of Handling Waste Materials:

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, contained in the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit will be constructed on the location and will not be located within natural drainage, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break or allow discharge of liquids.

The reserve pit will be lined with ¼ felt and a minimum of 16 mm plastic with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

A chemical portable toilet will be furnished with the drilling rig. The toilet will be replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

Garbage, trash and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported or disposed of in association with the drilling, completion or testing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported or disposed of in association with the drilling, completion or testing of this well.

Produced oil will be stored in an oil tank and then hauled by truck to a crude purchaser facility. Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to an approved disposal site.

8. Ancillary Facilities:

During drilling operations, approximately 30 days, the site will be a manned camp. Three or four additional trailers will be on location to serve as the crews' housing and eating facilities. These will be located on the perimeter of the pad site within the topsoil stockpiles. Refer to Sheet 4.

9. Well Site Layout: (Refer to Sheets #2, #3, and #4)

The attached Location Layout Diagrams described drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s) and surface material stockpiles(s).

Please see the attached diagram for rig orientation and access roads.

The top soil will be windrowed rather than piled. It will be reseeded and track walker at the time the location is constructed. Seeding will be with the determined during the onsite. (Refer to "Seed Mixture for Windrowed Top Soil Will included:" following herein.

The top soil removed from the pit area will be store separately and will not be reseeded until the pit is reclaimed.

All pits shall be fence to the following minimum standards:

- a. 39 inch net wire shall be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.
- b. The net wire shall be no more than 2 inches above the ground. The barbed wire shall be 3 inches over the new wire. Total height of the fence shall be at least 42 inches.
- c. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
- d. Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two fence posts shall be no greater than 16 feet.
- e. All wire shall be stretched by, using a stretching device, before it is attached to corner posts.
- f. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.
- g. Location size may change prior to drilling the well due to the current rig availability. If the proposed location is not large enough to accommodate the drilling, the location will be re-surveyed and a Form 9 will be submitted.

10. Plans for Surface Reclamation:

Producing Location:

- a. Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, materials, trash and debris not required for production.
- b. Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 40CFR 3162.7.
- c. Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.
- d. The reserve pit and that portion of the location not needed for production facilities / operations will be re-contoured to the approximated natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.
- e. To prevent surface water(s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface 3 feet above surrounding round surface to allow the reclaimed pit area to drain effectively.
- f. Upon completion of back filling, leveling and re-contouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

Dry Hole/Abandoned Location:

- i. Abandoned well sites, roads and other disturbed areas will be restored as nearly as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions and re-establishment of vegetation as specified.

- ii. All disturbed surfaces will be re-contoured to the approximated natural contours with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. If necessary, re-seeding operations will be performed after completion of other reclamation operations.

Seed Mixture for Windrowed Top Soil Will Included:

To be provided by the BLM

11. Surface Ownership: Location, Access and Pipeline Route:

Wellsite: Bureau of Land Management

Access: Bureau of Land Management

Pipeline: Bureau of Land Management

12. Other Information

On-site Inspection for Location, Access and Pipeline Route:

The on-site was conducted on July 9, 2008

1. Chuck MacDonald - BLM
2. Scott Ackerman - BLM
3. Dustin Gardiner - Tristate
4. Mike Stewart - Ponderosa
5. Carroll Estes - Enduring Resources

Special Conditions of Approval:

None for this well(s).

Archeology:

- a. A Cultural Resource Inventory Report has been prepared by Montgomery Archaeological Consultants and a copy is attached.

Paleontology:

- b. A Paleontology Reconnaissance Report has been prepared by Intermountain Paleo-Consulting and a copy is attached.

If, during operations, any archaeological or historical sites, or any objects of antiquity (subject to the Antiquities Act of June 8, 1906) are discovered, all operations which would affect such sites will be suspended and the discovery reported promptly to the surface management agency.

13. **Lessee's or Operator's Representatives:**

Representatives:

Alvin R. (Al) Arlian
Landman – Regulatory Specialist
Enduring Resources, LLC
475 17th Street, Suite 1500
Denver, Colorado 80202
Office Tel: 303-350-5114
Fax Tel: 303-573-0461
aarlian@enduringresources.com

Carroll Estes
Utah Production Superintendent
Enduring Resources, LLC
759 East 500 South
Vernal, UT 84078
Office Tel: 435-781-0172
Fax Tel: 435-781 0174
cestest@enduringresources.com

Enduring Resources, LLC

Hanging Rock 11-24-11-31
NW/4NW/4 Sec 31-T11S-R24E
Uintah County, Utah

Federal Lease: UTU-85847

ONSHORE ORDER 1 - DRILLING PLAN

1. Estimated Tops of Geological Markers:

Formation	Depth (K.B.)
Uinta	Surface
Green River	372'
Wasatch	2722'
Mesaverde	4263'

2. Estimated Depths of Anticipated Water, Oil, Gas or Other Minerals:

Substance	Formation	Depth (K.B.) TVD
	KB-Uinta Elevation: 5,991' est.	
Oil / Gas	Green River	372'
Oil /Gas	Wasatch	2722'
Oil /Gas	Mesaverde	4263'
	TD	4,815'

An 11" hole surface hole will be drilled with air, air/mist, foam or mud depending on hole conditions to approximately 2016 feet. The depth will be determined by the depth that the Birds Nest zone is encountered. The hole will be drilled 400 feet beyond the top of the Birds Nest zone and surface casing will be set and cemented to surface. Surface casing will be pre-set before drilling rig is moved on location. ProPetro Services Incorporated, or if not available, another Surface Hole Driller (collectively "Surface Hole Driller") will drill the surface hole. A 300 or 400 bbl tank of fresh water will be on location prior to commencement of operations to use as a kill fluid. The anchored blooie line shall be at least 6" in diameter and extend straight from the wellhead to the reserve/blooie pit. Surface Hole Driller's equipment includes a 1250 CFM compressor on the drilling rig along with a 1070 to 1170 CFM stand alone compressor. Surface Hole Driller's equipment shall be setup on the front side of the location with the rig between the driller and the reserve/blooie pit. The stand alone compressor will be adjacent to the rig on the same side as the driller. Surface Hole Driller's equipment includes spark arrestors on engines, a diverter head, a mister close to the end of the blooie line for dust suppression, a continuously lit pilot light, a fluid pump to circulate kill fluids as necessary, a diverter on the end of the blooie line, a float valve in the drill string and kill switches.

3. Pressure Control Equipment: (3000 psi schematic attached)

- A. Type: Eleven (11) inch double gate hydraulic BOP with eleven (11) inch annular preventer on 3,000 psi casinghead, with 3,000 psi choke manifold equipped per the attached diagram. BOPE as specified in *Onshore Oil & Gas Order Number 2*. A PVT, stroke counter and flow sensor will be installed to check for flow and monitor pit volume.
- B. Pressure Rating: 3,000 psi BOPE
- C. Kelly will be equipped with upper and lower Kelly valves.
- D. Testing Procedure: Annular Preventer

At a minimum, the annular preventer will be pressure tested to 50% of the stack rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

- 1. When the annular preventer is initially installed;
- 2. Whenever any seal subject to test pressure is broken;
- 3. Following related repairs; and
- 4. At thirty (30) day intervals.

In addition to the above, the annular preventer will be functionally operated at least weekly.

Blow-Out Preventer

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yield strength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

- 1. When the BOP is initially installed;
- 2. Whenever any seal subject to test pressure is broken;
- 3. Following related repairs; and
- 4. At thirty (30) day intervals.

In addition to the above, the pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills and tests will be recorded in the IADC driller's log.

E. Miscellaneous Information:

The blowout preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of *Onshore Oil & Gas Order Number 2*.

4. **Proposed Casing & Cementing Program:**A. **Casing Program: All New**

Hole Size	Casing Size	Wt./Ft.	Grade	Joint	Depth Set (MD)
20"	14" O.D.				40' (GL)
11"	8-5/8"	24#	J-55	ST&C	0 – 2016' (KB) est.
7-7/8"	4-1/2"	11.6#	N-80	LT&C	0 – 4815' (KB)

The surface casing will have guide shoe, 1 joint, insert float collar. Centralize the shoe joint with bowspring centralizers in the middle and top of the joint and the next 16 joints with bowspring centralizers on every other collar (8 centralizers total). Thread lock guide shoe. Surface casing will be pre-set before the drilling rig is moved on location.

Casing string(s) will be pressure tested to 0.22 psi/foot of casing string length or 1500 psi, whichever is greater (not to exceed 70% of the internal yield strength of the casing), after cementing and prior to drilling out from under the casing shoe.

B. **Casing Design Parameters:**

Depth (MD)	Casing	Collapse(psi)/SF	Burst (psi)/SF	Tension(mlbs)/SF
40' (GL)	14" OD			
2016' (KB)	8-5/8", 24#/ft, J55, STC	1370/1.52(a)	2950/3.28(b)	244/5.81(c)
4815' (KB)	4-1/2", 11.6#/ft, N-80, LTC	6350/2.54 (d)	7780/3.38 (e)	223/4.65 (f)

- (a.) based on full evacuation of pipe with 8.6 ppg fluid on annulus
- (b.) based on 8.6 ppg gradient with no fluid on annulus
- (c.) based on casing string weight in 8.6 ppg mud
- (d.) based on full evacuation of pipe with 10.0 ppg fluid on annulus
- (e.) based on 9.2 ppg gradient, gas to surface, with no fluid on annulus, no gas gradient
- (f.) based on casing string weight in 9.2 ppg mud

PROPOSED CEMENTING PROGRAM**Surface Casing (if well will circulate)-Cemented to surface**

CASING	SLURRY	FT. of FILL	CEMENT TYPE	SXS	EXCESS (%)	WEIGHT (ppg)	YIELD (ft ³ /sx)
8-5/8"	Lead	1516	Premium cement + 16% gel + 0.25 pps celloflake	138	25%	11.1	3.50
8-5/8"	Tail	500	Premium cement + 2% CaCl ₂ + 0.25 pps celloflake	138	25%	15.8	1.15

A cement top job is required if cement fallback is greater than 10' below ground level. Top job (weight 15.8 ppg, yield 1.15 ft³/sx) cement will be premium cement w/ 3% CaCl₂ + 0.25 pps celloflake. Volume as required

Surface Casing (if well will not circulate) - Cemented to surface

CASING	SLURRY	FT. of FILL	CEMENT TYPE	SXS	EXCESS (%)	WEIGHT (ppg)	YIELD (ft ³ /sx)
8-5/8"	Lead	500	Premium cement + 2% CaCl ₂ + 0.25 pps celloflake	138	25	15.8	1.15
8-5/8"	Top job	As req.	Premium cement + 3% CaCl ₂ + 0.25 pps celloflake	As Req.		15.8	1.15

Production Casing and Liner - Cemented TD to 300' above base of surface casing

CASING	SLURRY	FT. of FILL	CEMENT TYPE	SXS	EXCESS (%)	WEIGHT (ppg)	YIELD (ft ³ /sx)
4-1/2"	Lead	606	Class "G" + 5% NaCl + 12% Gel + 0.25 pps celloflake + 0.2% antifoam + 0.25% fluid loss + 1% extender	54	25	11.0	3.3
4-1/2"	Tail	2493	50/50 POZ Class G + 2% gel + 1% CaCl ₂ + 0.2% dispersant + 0.2% fluid loss + 0.1% antifoam	455	25	14.3	1.56

Cement volumes for the 4-1/2" Production Casing will be calculated to provide a top of cement to 300' above base of surface casing. Cement volumes are approximate and were calculated under the assumption that a gauge hole will be achieved. Actual cement volumes may vary due to variations in the actual hole size and will be determined by running a caliper log on the drilled hole. Actual cement types may vary due to hole conditions and cement contractor used.

All waiting on cement (WOC) times will be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.

5. Drilling Fluids (mud) Program:

Interval (MD)	Mud Weight	Fluid Loss	Viscosity	Mud Type
0' – 2016' (KB)		No cntrl		Air/mist
2000'-3000' (KB)	8.4-8.6	No cntrl	28-36	Water
3000'-4815' (KB)	8.8-9.8	8 - 10 ml	32-42	Water/Gel

Sufficient mud material(s) to maintain mud properties, control lost circulation and contain a blowout will be available at the well site during drilling operations.

6. Evaluation Program:

Tests: No tests are currently planned.

Coring: No cores are currently planned.

Samples: No sampling is currently planned.

Logging

- Dual Induction – SFL /Gamma Ray/Caliper/SP/TDLT/CNL/ML
TD to Base Surface Casing
- Cement Bond Log / Gamma Ray:
TD to Base of Surface Casing or Top of Cement if below Base of Surface Casing

Stimulation: A stimulation or frac treatment will be designed for completion of this well based on openhole log analysis. The drill site, as approved, will be sufficient size to accommodate all completion activities.

7. Abnormal Conditions:

No abnormal temperatures or pressures are anticipated. No H₂S has been encountered or known to exist from previous wells drilled to similar depths in the general area.

Maximum anticipated bottom hole pressure equals approximately 2,504 psi (calculated at 0.52 psi/foot of hole) and maximum anticipated surface pressure equals approximately 1,445 psi (anticipated bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot of hole).

8. Anticipated Starting Dates:

- Anticipated Commencement Date- Within one year of APD issue.
- Drilling Days- Approximately 10 days
- Completion Days - Approximately 10 days
- Anticipate location construction within 30 days of permit issue.

9. **Variances:**

None anticipated

10. **Other:**

A Cultural Resource Inventory and Paleontology reconnaissance shall be conducted for the well location, access route and pipeline. The reports shall be submitted to the Division of Oil, Gas and Mining and the School and Institutional Trust lands Administration upon their receipt.

A measurement while drilling (MWD) system will be used to track and control the directional path of the wellbore.

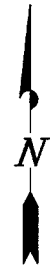
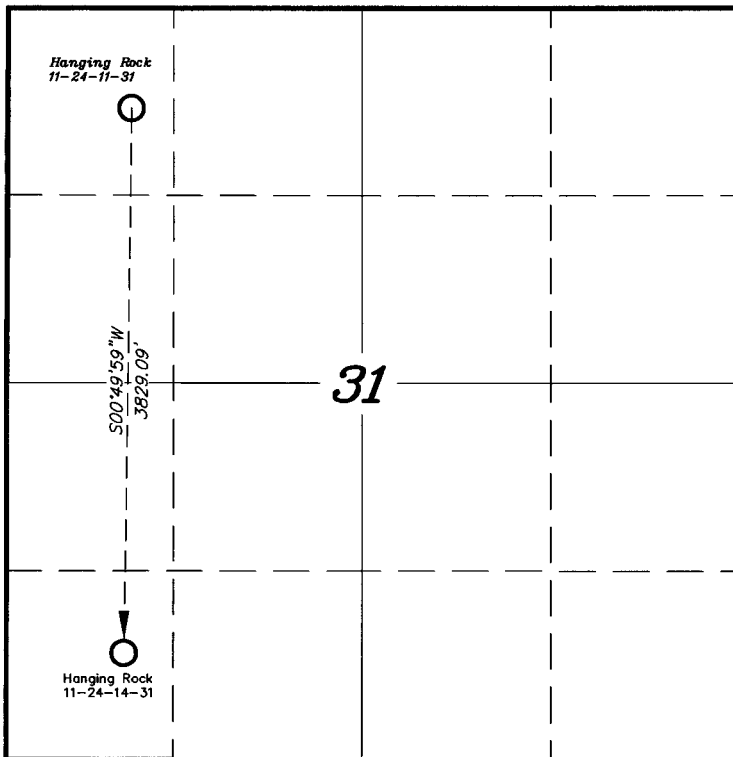
Directions to the Hanging Rock 11-24-11-31 Well Pad

Beginning at the city of Bonanza, Utah. Leave the city of Bonanza heading southerly on state highway 45 for a distance of approximately 8.7 Miles where there is a turn-off to the right. Turn right, leaving state highway 45, and proceed southwesterly for approximately 2.2 miles where there is a turn to the right. Keep to the left and continue southwesterly for approximately 6.1 miles where the road forks again. Keep to the left and proceed southwesterly for approximately 7.6 miles (5.8 + 1.8 on Topo "A") where there is an intersection. Turn right and proceed northerly approximately 0.4 miles to the beginning of the proposed access for the Hanging Rock 11-24-11-31. Turn left and proceed northwesterly approximately 4,380' (0.8 miles) along the proposed access, to the turn off to the Hanging Rock 11-24-14-31 well pad continue along proposed access northwesterly approximately 3,550' (0.7 miles) where there is a left turn and proceed westerly along the proposed access approximately 420' to the proposed Hanging Rock 11-24-11-31 well pad.

T11S, R24E, S.L.B.&M.

ENDURING RESOURCES

SECTION DRILLING MAP
HANGING ROCK 11-24-11-31



LEGEND

- = Vertical Well
- ⊙ = Directional Well (Bottom Hole)

TRI STATE LAND SURVEYING & CONSULTING

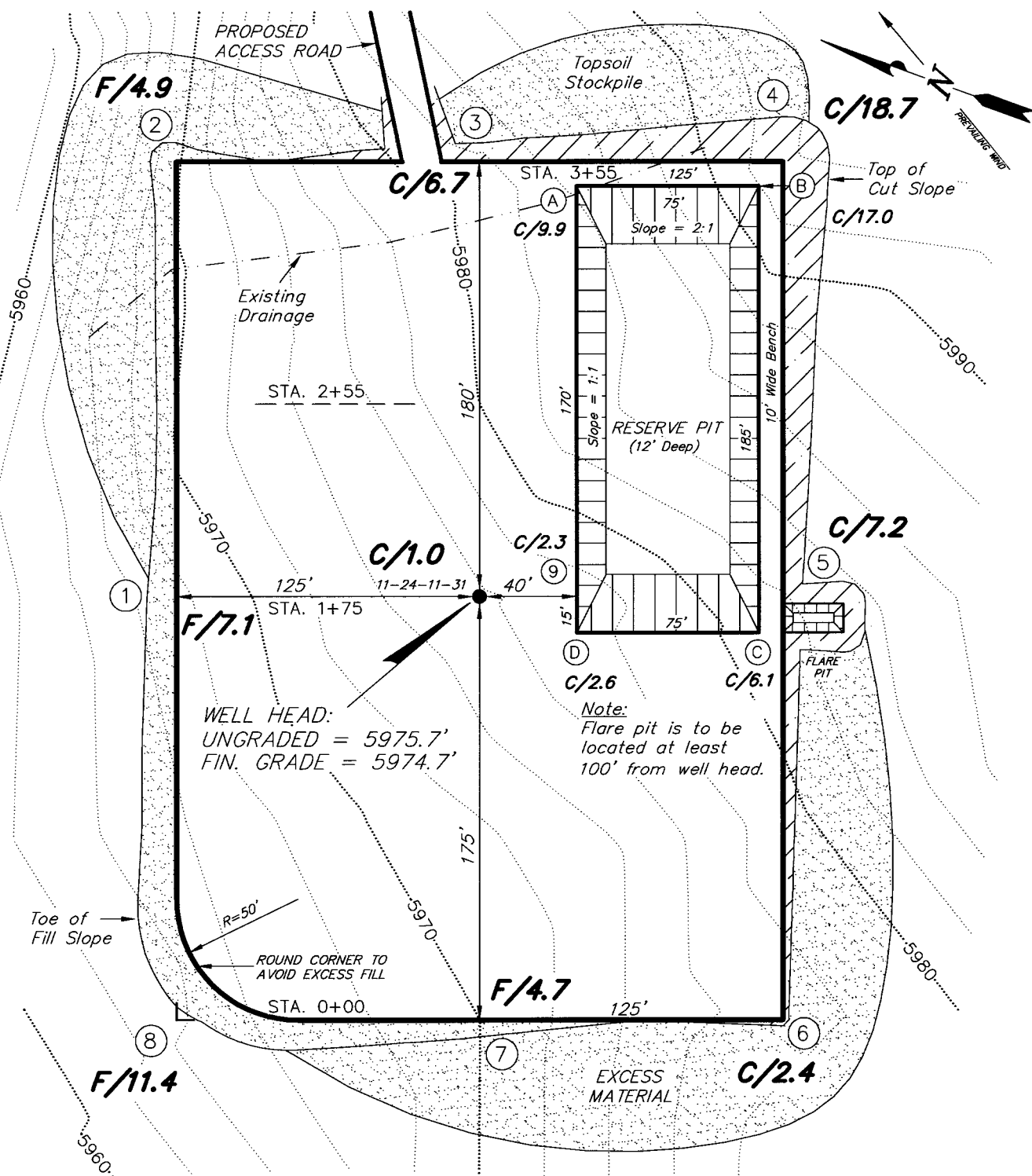
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
 (435) 781-2501

DATE DRAWN: 06-28-07	SURVEYED BY: K.G.S.	SHEET 1 OF 10
REVISED:	DRAWN BY: T.C.J.	
NOTES:	SCALE: 1" = 1000'	

ENDURING RESOURCES

HANGING ROCK 11-24-11-31

Pad Location: NWNW Section 31, T11S, R24E, S.L.B.&M.



REFERENCE POINTS

175' NORTHERLY = 5963.2'
225' NORTHERLY = 5959.3'

SURVEYED BY: K.G.S. DATE DRAWN: 06-28-07
DRAWN BY: T.C.J. SCALE: 1" = 60'
NOTES:

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

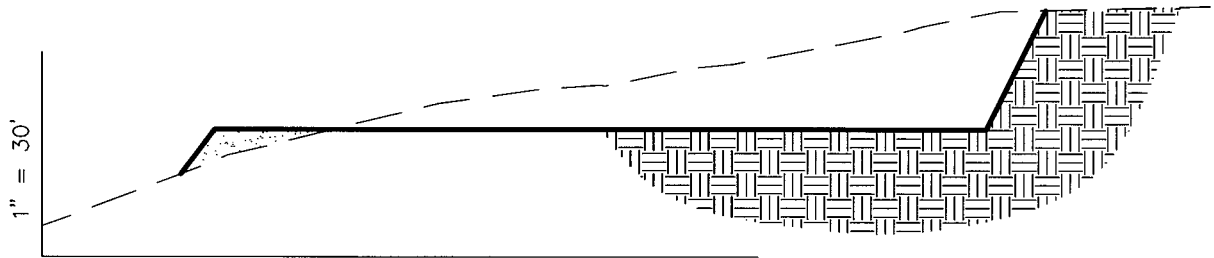
SHEET
3
OF 10

ENDURING RESOURCES

CROSS SECTIONS

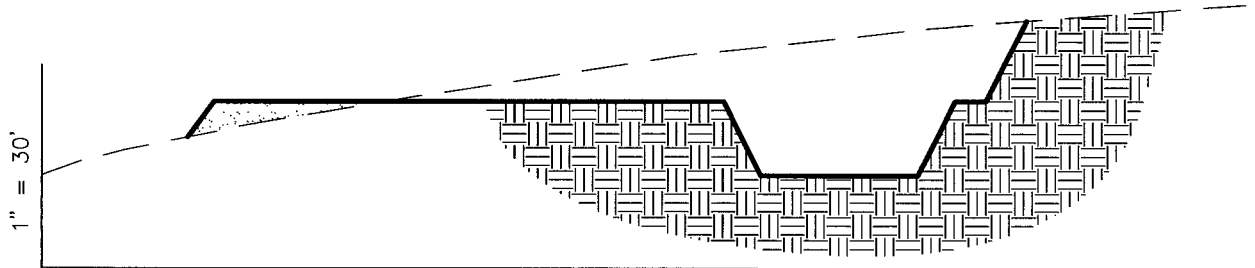
HANGING ROCK 11-24-11-31

Pad Location: NWNW Section 31, T11S, R24E, S.L.B.&M.



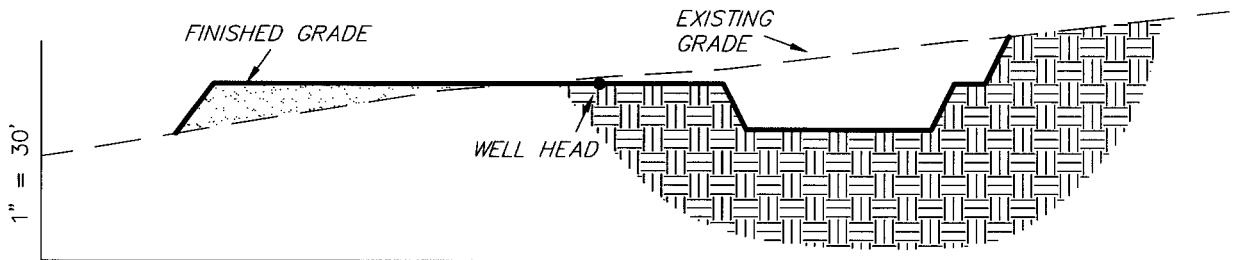
1" = 60'

STA. 3+55



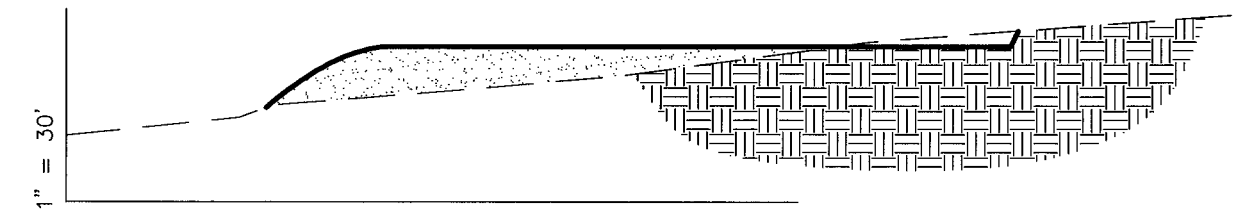
1" = 60'

STA. 2+55



1" = 60'

STA. 1+75



1" = 60'

STA. 0+00

NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES ARE AT 1:1
FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used)

(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	10,230	7,160	Topsoil is not included in Pad Cut	3,070
PIT	4,550	0		4,550
TOTALS	14,780	7,160	1,860	7,620

SURVEYED BY: K.G.S. DATE DRAWN: 06-28-07

DRAWN BY: T.C.J. SCALE: 1" = 60'

NOTES:

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

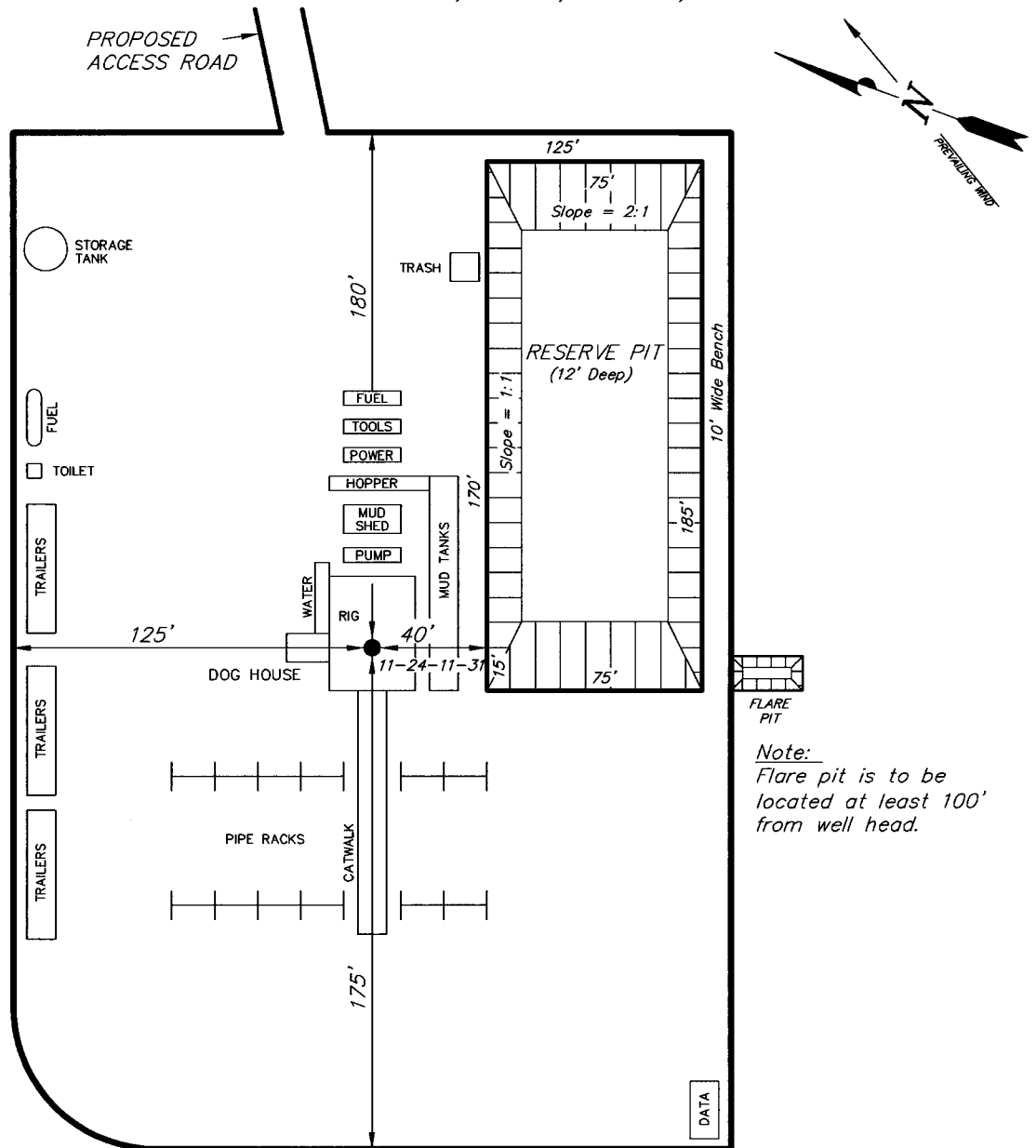
SHEET
4
OF 10

ENDURING RESOURCES

TYPICAL RIG LAYOUT

HANGING ROCK 11-24-11-31

Pad Location: NWNW Section 31, T11S, R24E, S.L.B.&M.



Note:
Flare pit is to be located at least 100' from well head.

SURVEYED BY: K.G.S. DATE DRAWN: 06-28-07
DRAWN BY: T.C.J. SCALE: 1" = 60'
NOTES:

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

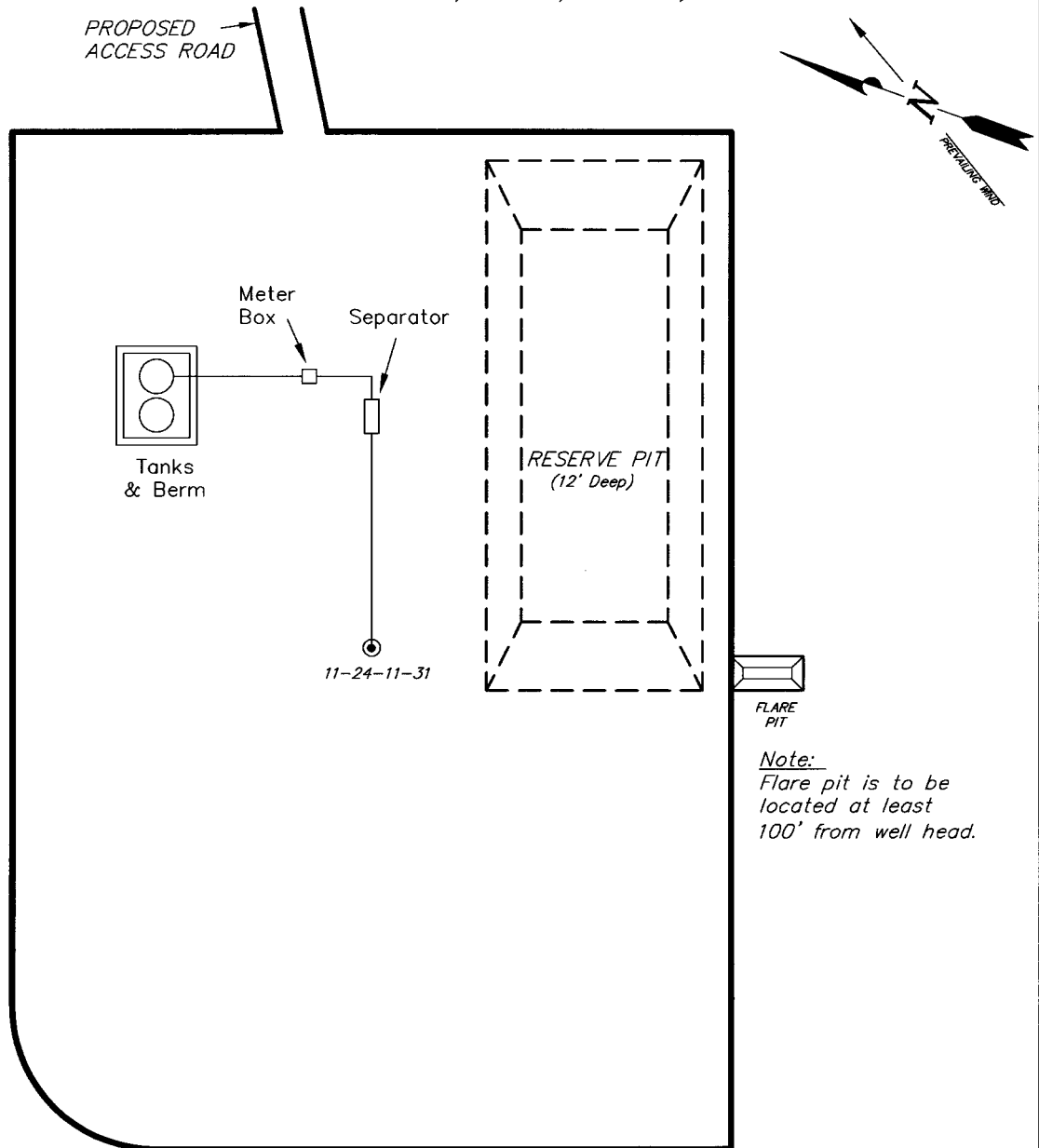
SHEET
5
OF 10

ENDURING RESOURCES

PRODUCTION SCHEMATIC

HANGING ROCK 11-24-11-31

Pad Location: NWNW Section 31, T11S, R24E, S.L.B.&M.

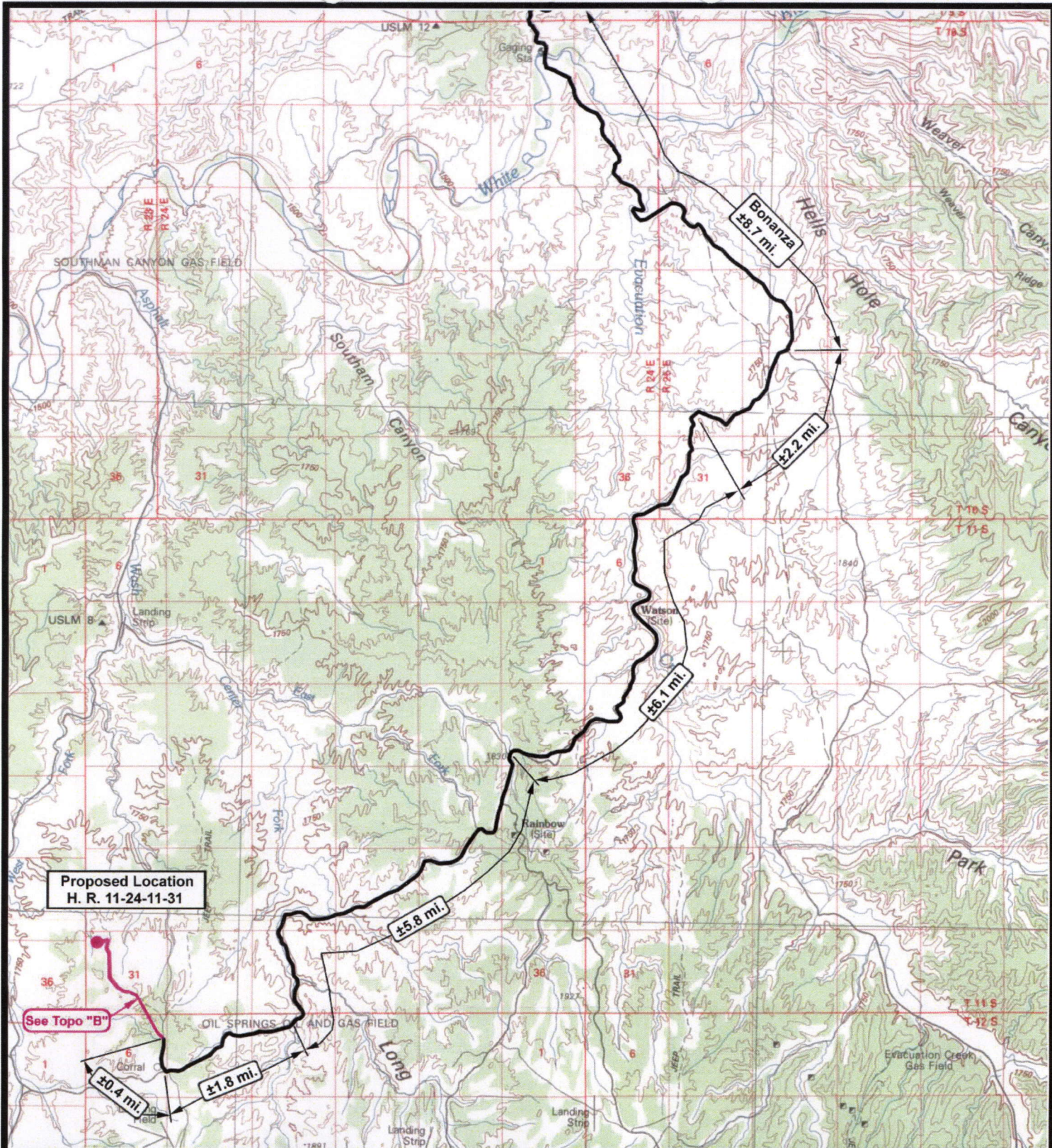


Note:
Flare pit is to be
located at least
100' from well head.

SURVEYED BY:	K.G.S.	DATE DRAWN:	06-28-07
DRAWN BY:	T.C.J.	SCALE:	1" = 60'
NOTES:			

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

SHEET
6
OF 10



ENDURING RESOURCES

**Hanging Rock 11-24-11-31
Sec. 31, T11S, R24E, S.L.B.&M.**

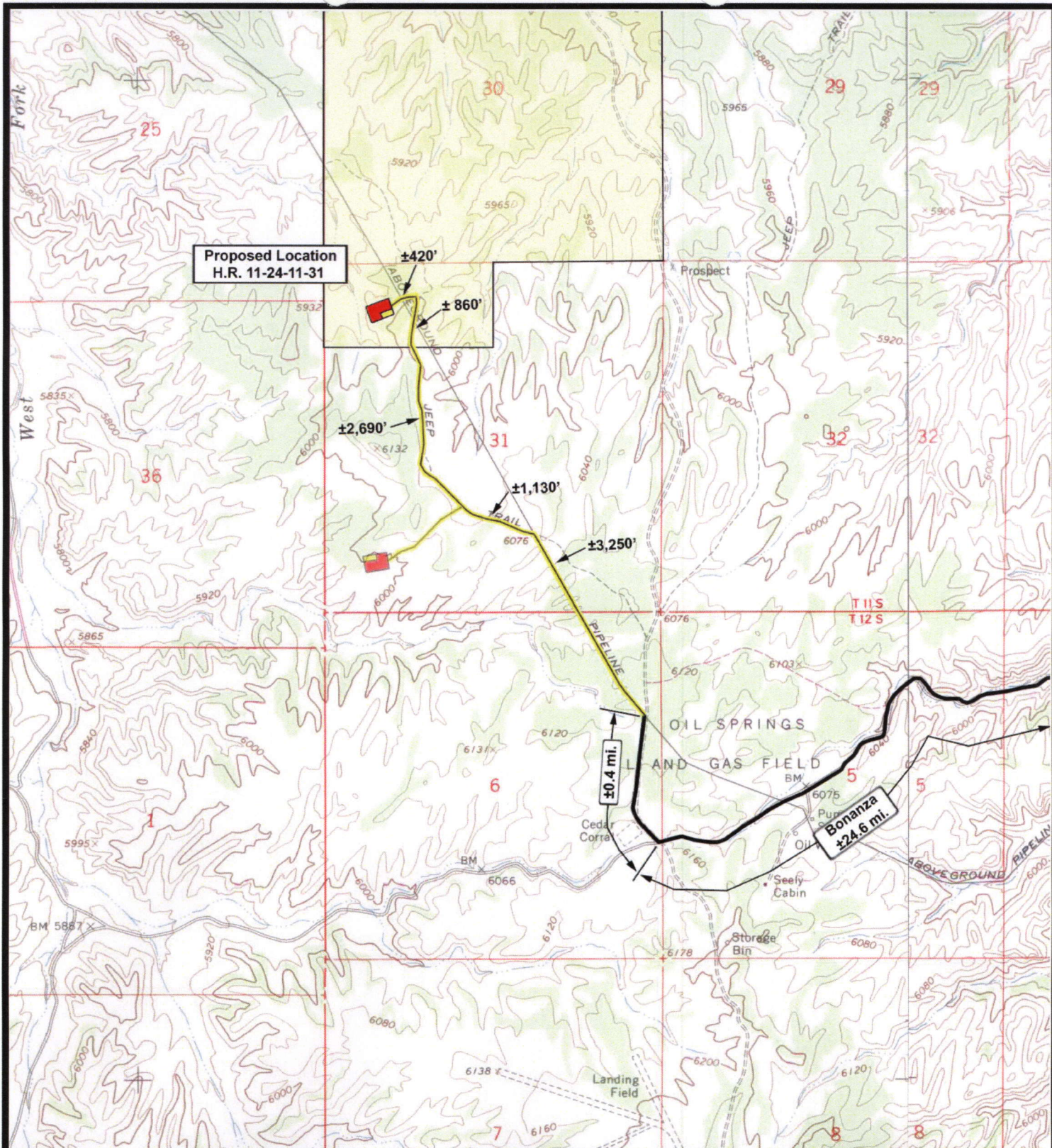


**Tri-State
Land Surveying Inc.**
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

**SCALE: 1 = 100,000
DRAWN BY: TCJ
DATE: 07-02-2007**

Legend
Existing Road
Proposed Access

**TOPOGRAPHIC MAP
"A"
SHEET 7 OF 10**



ENDURING RESOURCES

Hanging Rock 11-24-11-31
Sec. 31, T11S, R24E, S.L.B.&M.



Tri-State
Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 08-01-2008

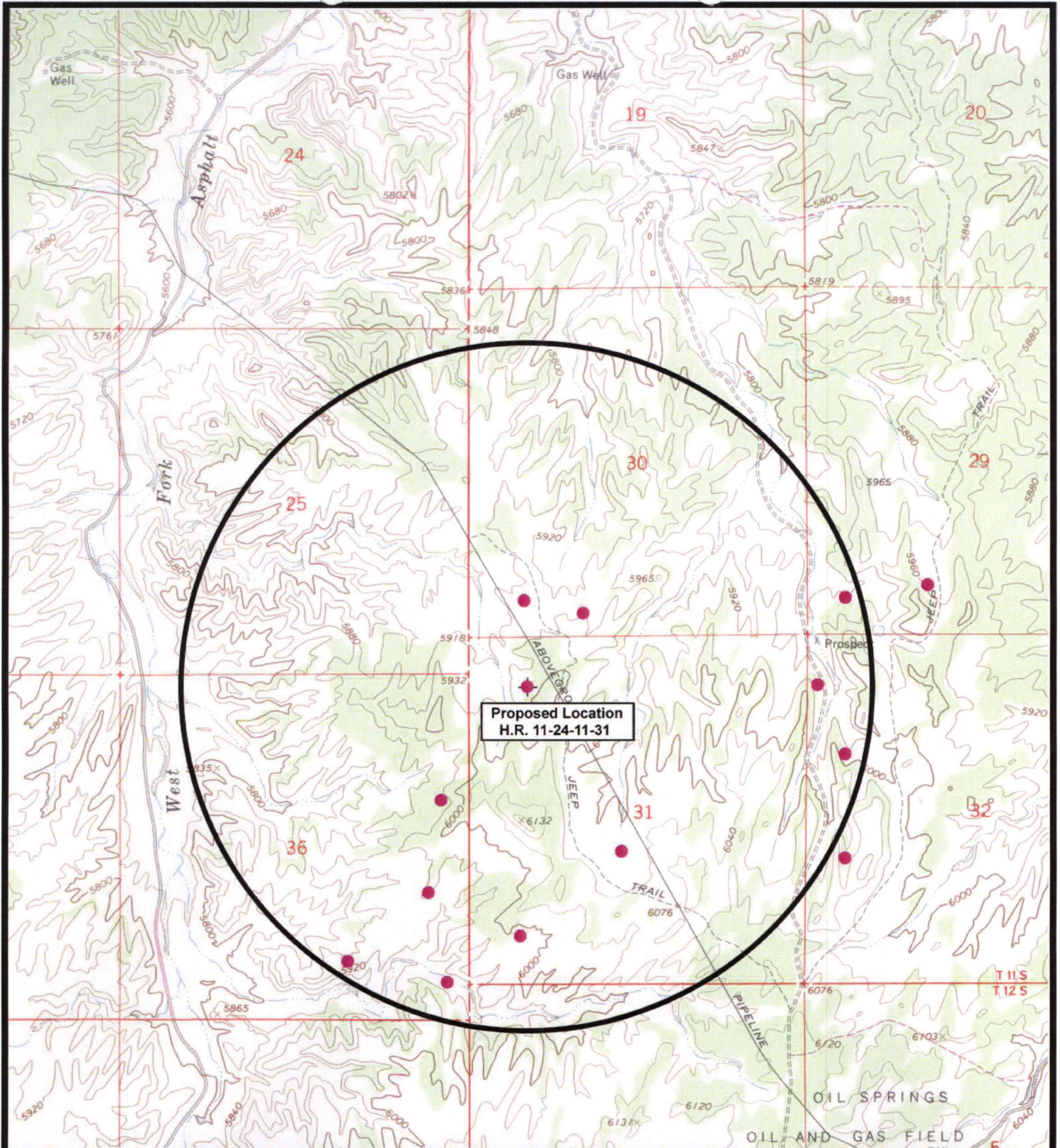
Legend

Existing Road
 Proposed Access

TOPOGRAPHIC MAP

"B"

SHEET
8
OF 10



ENDURING RESOURCES

Hanging Rock 11-24-11-31
Sec. 31, T11S, R24E, S.L.B.&M.



Tri-State
Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
 DRAWN BY: TCJ
 DATE: 07-02-2007

Legend

- Location
- One-Mile Radius

TOPOGRAPHIC MAP

"C"

SHEET
9
OF 10



ENDURING RESOURCES

Hanging Rock 11-24-11-31
Sec. 31, T11S, R24E, S.L.B.&M.



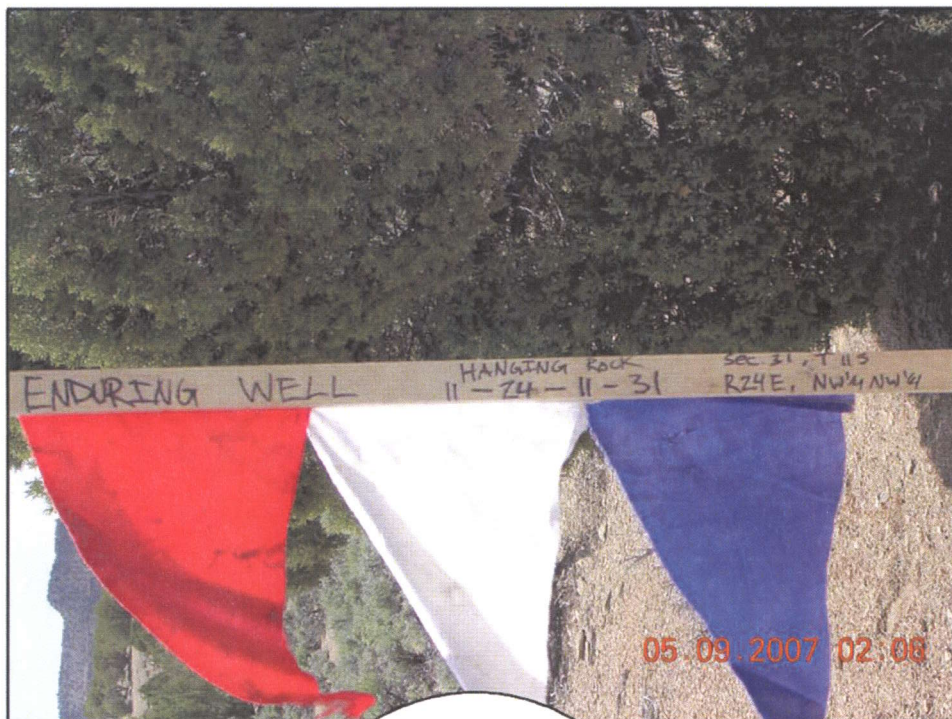
Tri-State
Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 08-01-2008

Legend

— Roads
 - - - - - Proposed Gas Line

TOPOGRAPHIC MAP
"D"
SHEET 10 OF 10



CENTER STAKE


ENDURING RESOURCES

H.R. 11-24-11-31

Date Photographed: 05/09/2007

Date Drawn: 07/02/2007

Drawn By: TCJ


Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078



NORTH

Date Photographed: 05/09/2007

Date Drawn: 07/02/2007

Drawn By: TCJ

EAST


ENDURING RESOURCES

H.R. 11-24-11-31


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Land Surveying Inc.*
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180 North Vernal Ave. Vernal, Utah 84078





SOUTH

Date Photographed: 05/09/2007

Date Drawn: 07/02/2007

Drawn By: TCJ

WEST



ENDURING RESOURCES

H.R. 11-24-11-31

*Tri-State
Land Surveying Inc.*

(435) 781-2501

180 North Vernal Ave. Vernal, Utah 84078



WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/27/2008

API NO. ASSIGNED: 43-047-40343

WELL NAME: HANGING ROCK 11-24-11-31
OPERATOR: ENDURING RESOURCES, LLC (N2750)
CONTACT: AL ARLIAN

PHONE NUMBER: 303-350-5719

PROPOSED LOCATION:

NWNW 31 110S 240E
SURFACE: 0707 FNL 0869 FWL
BOTTOM: 0707 FNL 0869 FWL
COUNTY: UINTAH
LATITUDE: 39.82382 LONGITUDE: -109.2785
UTM SURF EASTINGS: 647330 NORTHINGS: 4409411
FIELD NAME: UNDESIGNATED (2)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal
LEASE NUMBER: UTU-85847
SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: MVRD
COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. RLB0008031)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. 49-2279)
☒ RDCC Review (Y/N)
(Date: _____)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

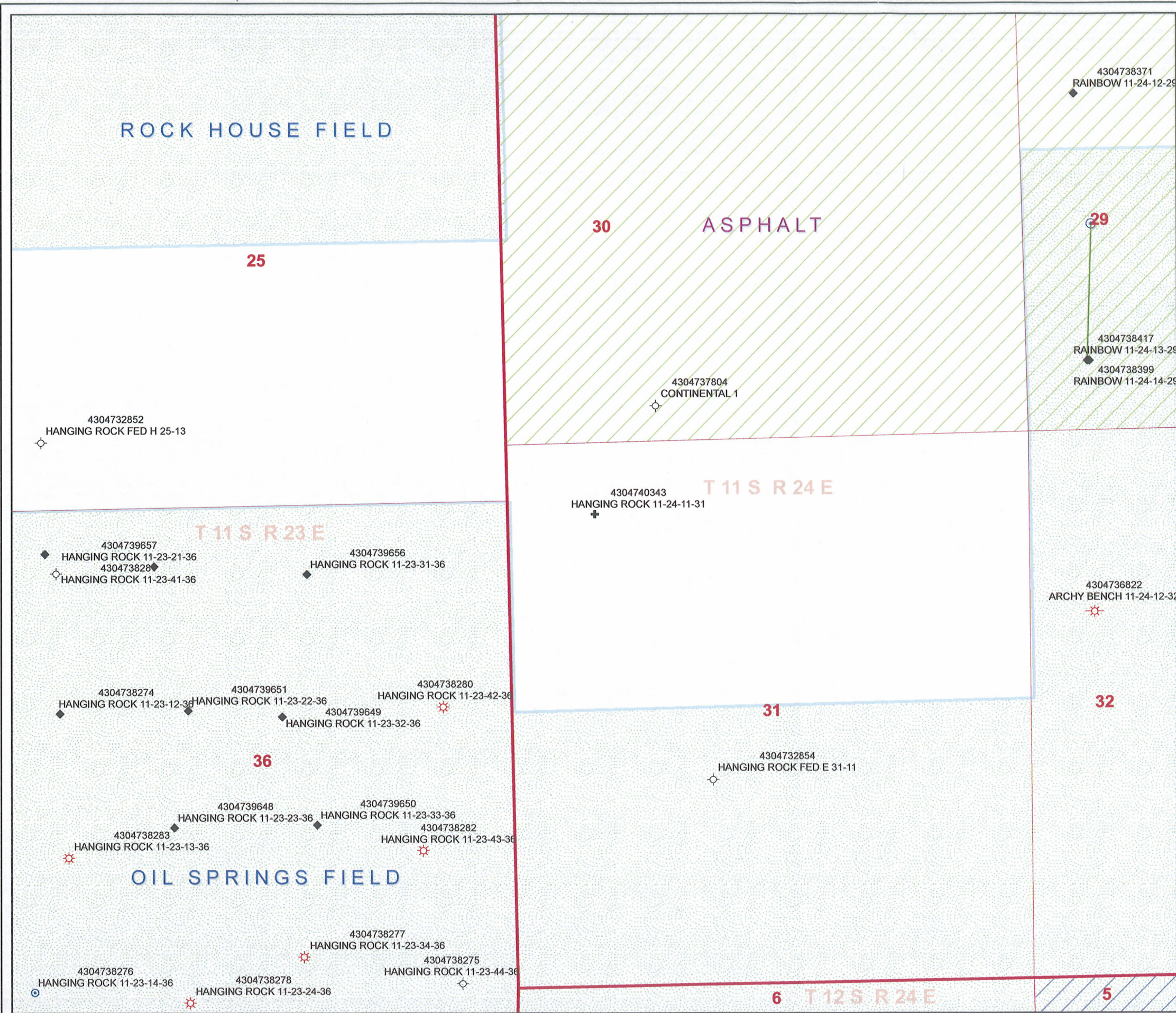
LOCATION AND SITING:

____ R649-2-3.
Unit: _____
____ R649-3-2. General
☒ Siting: 460 From Qtr/Qtr & 920' Between Wells
____ R649-3-3. Exception
____ Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
____ R649-3-11. Directional Drill

COMMENTS: _____

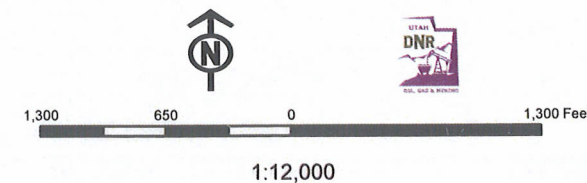
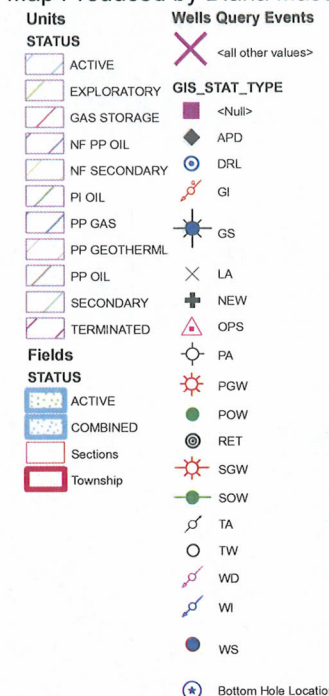
STIPULATIONS: _____

1. Federal Approval
2. Spacing Strip



API Number: 4304740343
Well Name: HANGING ROCK 11-24-11-31
Township 11.0 S Range 24.0 E Section 31
Meridian: SLBM
Operator: ENDURING RESOURCES, LLC

Map Prepared:
Map Produced by Diana Mason





JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

September 9, 2008

Enduring Resources, LLC
475 17th St., Ste. 1500
Denver, CO 80202

Re: Hanging Rock 11-24-11-31 Well, 707' FNL, 869' FWL, NW NW, Sec. 31, T. 11 South,
R. 24 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-40343.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal Office

Operator: Enduring Resources, LLC
Well Name & Number Hanging Rock 11-24-11-31
API Number: 43-047-40343
Lease: UTU-85847

Location: NW NW **Sec.** 31 **T.** 11 South **R.** 24 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

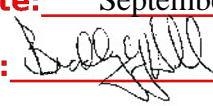
- Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-85847			
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
2. NAME OF OPERATOR: Enduring Resources, LLC		7. UNIT or CA AGREEMENT NAME:			
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 , Denver, CO, 80202		8. WELL NAME and NUMBER: HANGING ROCK 11-24-11-31			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0707 FNL 0869 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 31 Township: 11.0S Range: 24.0E Meridian: S		9. API NUMBER: 43047403430000			
PHONE NUMBER: 303 350-5114 Ext		9. FIELD and POOL or WILDCAT: UNDESIGNATED			
COUNTY: Uintah		STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 9/9/2009 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: _____ </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: _____
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: _____			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Request an one-year extension to APD termination date.					
Approved by the Utah Division of Oil, Gas and Mining Date: <u>September 09, 2009</u> By: 					
NAME (PLEASE PRINT) Alvin Arlian		PHONE NUMBER 303 350-5114			
SIGNATURE N/A		TITLE Landman-Regulatory DATE 9/8/2009			



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047403430000

API: 43047403430000

Well Name: HANGING ROCK 11-24-11-31

Location: 0707 FNL 0869 FWL QTR NWNW SEC 31 TWP 110S RNG 240E MER S

Company Permit Issued to: ENDURING RESOURCES, LLC

Date Original Permit Issued: 9/9/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

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- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

**Approved by the
Utah Division of
Oil, Gas and Mining**

Signature: Alvin Arlian

Date: 9/8/2009

Title: Landman-Regulatory **Representing:** ENDURING RESOURCES, LLC

Date: September 09, 2009

By: 

RECEIVED September 08, 2009

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-85847
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: Enduring Resources, LLC		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 , Denver, CO, 80202		8. WELL NAME and NUMBER: HANGING ROCK 11-24-11-31
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0707 FNL 0869 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 31 Township: 11.0S Range: 24.0E Meridian: S		9. API NUMBER: 43047403430000
PHONE NUMBER: 303 350-5114 Ext		9. FIELD and POOL or WILDCAT: UNDESIGNATED
COUNTY: UTAH		STATE: UTAH

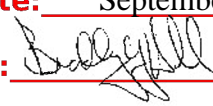
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 9/9/2010 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 Request an one-year extension to APD termination date.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: September 09, 2010

By: 

NAME (PLEASE PRINT) Alvin Arlian	PHONE NUMBER 303 350-5114	TITLE Landman-Regulatory
SIGNATURE N/A		DATE 9/8/2010



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047403430000

API: 43047403430000

Well Name: HANGING ROCK 11-24-11-31

Location: 0707 FNL 0869 FWL QTR NWNW SEC 31 TWP 110S RNG 240E MER S

Company Permit Issued to: ENDURING RESOURCES, LLC

Date Original Permit Issued: 9/9/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

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- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

**Approved by the
Utah Division of
Oil, Gas and Mining**

Signature: Alvin Arlian

Date: 9/8/2010

Title: Landman-Regulatory **Representing:** ENDURING RESOURCES, LLC

Date: September 09, 2010

By: 

RECEIVED September 08, 2010

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-85847
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2. NAME OF OPERATOR: Enduring Resources, LLC		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 , Denver, CO, 80202		8. WELL NAME and NUMBER: HANGING ROCK 11-24-11-31
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0707 FNL 0869 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 31 Township: 11.0S Range: 24.0E Meridian: S		9. API NUMBER: 43047403430000
9. FIELD and POOL or WILDCAT: UNDESIGNATED		COUNTY: UINTAH
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 9/9/2011 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

 Request for an one-year extension to the APD termination date.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 09/14/2011

By:

NAME (PLEASE PRINT) Alvin Arlian	PHONE NUMBER 303 350-5114	TITLE Landman-Regulatory
SIGNATURE N/A	DATE 9/9/2011	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047403430000

API: 43047403430000

Well Name: HANGING ROCK 11-24-11-31

Location: 0707 FNL 0869 FWL QTR NWNW SEC 31 TWNP 110S RNG 240E MER S

Company Permit Issued to: ENDURING RESOURCES, LLC

Date Original Permit Issued: 9/9/2008

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- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

Signature: Alvin Arlian

Date: 9/9/2011

Title: Landman-Regulatory **Representing:** ENDURING RESOURCES, LLC

RECEIVED Sep. 09, 2011

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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PHONE NUMBER: 303 350-5114 Ext		9. FIELD and POOL or WILDCAT: UNDESIGNATED
COUNTY: UINTAH		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 9/9/2012	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input checked="" type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> SPUD REPORT Date of Spud:	
<input type="checkbox"/> DRILLING REPORT Report Date:	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Request for an one-year extension of APD expiration date.

**Approved by the
 Utah Division of
 Oil, Gas and Mining**

Date: September 13, 2012

By: 

NAME (PLEASE PRINT) Alvin Arlian	PHONE NUMBER 303 350-5114	TITLE Landman-Regulatory
SIGNATURE N/A		DATE 9/7/2012

RECEIVED: Sep. 07, 2012



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047403430000

API: 43047403430000

Well Name: HANGING ROCK 11-24-11-31

Location: 0707 FNL 0869 FWL QTR NWNW SEC 31 TWNP 110S RNG 240E MER S

Company Permit Issued to: ENDURING RESOURCES, LLC

Date Original Permit Issued: 9/9/2008

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Signature: Alvin Arlian

Date: 9/7/2012

Title: Landman-Regulatory Representing: ENDURING RESOURCES, LLC

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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PHONE NUMBER: 303 350-5114 Ext		9. FIELD and POOL or WILDCAT: UNDESIGNATED
COUNTY: UINTAH		STATE: UTAH

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TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 9/9/2013	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input checked="" type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> SPUD REPORT Date of Spud:	
<input type="checkbox"/> DRILLING REPORT Report Date:	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Request for an one year extension to APD expiration date.

**Approved by the
 Utah Division of
 Oil, Gas and Mining**

Date: September 17, 2013

By:

NAME (PLEASE PRINT) Alvin Arlian	PHONE NUMBER 303 350-5114	TITLE Landman-Regulatory
SIGNATURE N/A	DATE 9/9/2013	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047403430000

API: 43047403430000

Well Name: HANGING ROCK 11-24-11-31

Location: 0707 FNL 0869 FWL QTR NWNW SEC 31 TWNP 110S RNG 240E MER S

Company Permit Issued to: ENDURING RESOURCES, LLC

Date Original Permit Issued: 9/9/2008

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Signature: Alvin Arlian

Date: 9/9/2013

Title: Landman-Regulatory Representing: ENDURING RESOURCES, LLC



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

December 11, 2014

Al Arlian
Enduring Resources, LLC
511-16TH Street, Suite 700
Denver, CO 80202

43 047 40343
Hanging Rock 11-24-11-31
31 11S 24E

Re: APDs Rescinded for Enduring Resources, LLC, Uintah County

Dear Mr. Arlian:

Enclosed find the list of APDs that you asked to be rescinded. No drilling activity at these locations has been reported to the division. Therefore, approval to drill these wells is hereby rescinded.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason
Environmental Scientist

cc: Well File
Bureau of Land Management, Vernal



43-047-38908 BUCK CAMP CYN 12-22-43-3
43-047-38909 BUCK CAMP CYN 12-22-31-3
43-047-38930 BUCK CAMP CYN 12-22-44-3
43-047-50197 COYOTE WASH 8-24-44-33
43-047-35906 BUCK CAMP 12-21-41-24
43-047-35907 BONANZA 9-23-42-11
43-047-35925 BONANZA 9-24-11-35
43-047-35914 SOUTHMAN CYN 9-24-24-30
43-047-35919 BONANZA 9-23-33-12
43-047-35952 BONANZA 9-24-24-8
43-047-37162 EAST BENCH 11-22-21-17
43-047-37164 E BENCH 11-22-44-17
43-047-37185 BONANZA 9-24-12-26
43-047-38665 BUCK CAMP CYN 11-22-32-28
43-047-38668 BUCK CAMP CYN 11-22-34-28
→ 43-047-40343 HANGING ROCK 11-24-11-31
43-047-40351 HANGING ROCK 11-24-14-30
43-047-39196 HANGING ROCK 11-24-14-31